Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force

R-1 ITEM NOMENCLATURE

APPROPRIATION/BUDGET ACTIVITY
3600: Research, Development, Test & Evaluation, Air Force

PE 0604740F: Integrated Command & Control Applications

DATE: February 2011

BA 5: Development & Demonstration (SDD)

	()																
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost						
Total Program Element	10.068	0.010	0.010	-	0.010	0.010	0.010	0.010	-	Continuing	Continuing						
652523: Product Lines	6.920	0.010	0.010	-	0.010	0.010	0.010	0.010	-	Continuing	Continuing						
652524: Reuse and Component Support	3.148	-	-	-	-	-	-	-	-	Continuing	Continuing						

A. Mission Description and Budget Item Justification

The goal of the Integrated Command & Control Applications (IC2A) program is to reduce the development time, costs, and risks associated with the acquisition and development of an enterprise oriented Command & Control (C2) capability by defining a reference architecture to enhance common application use and reuse. Project 6523, Product Lines provides program management of the IC2A program. Project 6524, Reuse and Component Support identifies, develops, tests, and provides reuseable software components and products to the IC2A program and other programmed systems of record, and minimizes development cost and time by defining a Command & Control (C2) architecture approach consistent with net-centric principles and guidance that ensures compliance and interoperability using standards based service oriented architecture components.

The software architecture products developed by this program element form vital components and provide a pre-defined reference architecture which is the foundation of the Department of Defense (DoD) enterprise Command & Control (C2) capability.

This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	6.910	0.010	0.010	-	0.010
Current President's Budget	10.068	0.010	0.010	-	0.010
Total Adjustments	3.158	-	-	-	-
 Congressional General Reductions 		-			
 Congressional Directed Reductions 		-			
 Congressional Rescissions 	-	-			
 Congressional Adds 		-			
 Congressional Directed Transfers 		-			
 Reprogrammings 	3.158	-			
SBIR/STTR Transfer	-	-			
Other Adjustments	-	-	-	-	-

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DATE: February 2011

10.058

Congressional Add Totals for all Projects

Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force

APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604740F: Integrated Command & Control Applications		
Congressional Add Details (\$ in Millions, and Includes Genera	al Reductions)	FY 2010	FY 2011
Project: 652523: Product Lines			
Congressional Add: Distributive Mission Interoperability Toolkit (DMIT)			-
Congressional Add: Program Increase/User Defined Operatio	nal Picture (UDOP)	3.720	-
	Congressional Add Subtotals for Project: 652523	6.910	-
Project: 652524: Reuse and Component Support			
Congressional Add: Command & Control Service Level Manage	gement (C2SLM)	3.148	-
	Congressional Add Subtotals for Project: 652524	3.148	-

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Exhibit R-2A, RDT&E Project Jus	stification: PE	3 2012 Air Fo	orce						DATE: Febr	uary 2011	
APPROPRIATION/BUDGET ACTI 3600: Research, Development, Tes BA 5: Development & Demonstrati	st & Evaluatior	n, Air Force		R-1 ITEM N PE 0604740 Applications	F: Integrate	TURE od Command	& Control	PROJECT 652523: Pro	oduct Lines	ines	
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
652523: Product Lines	6.920	0.010	0.010	-	0.010	0.010	0.010	0.010	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
Project 2523, Product Lines, exe	cutes program	manageme									
-	cutes program cquisition and Service Oriento . It provide Al	manageme technical pro ed Architectu F-wide enter	ofessionals t ures, Core E prise Comm	hat develop nterprise Se	leading edgervices, and V	e capabilities Neb Based t	s for the war echnologies	fighter. Prod that enable	duct Lines de the Air Force	velops reus to achieve	able net centric
Project 2523, Product Lines, exe military, civilian and contracted a software components based on Soperations and warfare capability continuous deliveries of increasing	cutes program cquisition and Service Oriente t. It provide Al ng capability to	manageme technical produced Architecture F-wide enter the warfigh	ofessionals t ures, Core E prise Comm	hat develop nterprise Se	leading edgervices, and V	e capabilities Neb Based t	s for the war echnologies	fighter. Proc that enable re develope	duct Lines de the Air Force d in small ind FY 2012	velops reus e to achieve rements pro	able net centric
military, civilian and contracted a software components based on soperations and warfare capability	cutes program cquisition and Service Oriente t. It provide Al ng capability to	manageme technical produced Architecture F-wide enter the warfigh	ofessionals t ures, Core E prise Comm	hat develop nterprise Se	leading edgervices, and V	e capabilities Neb Based t	s for the war echnologies emponents a	fighter. Proc that enable re develope	the Air Force d in small inc FY 2012 Base	e to achieve crements pro	able net centric oviding FY 2012
Project 2523, Product Lines, exe military, civilian and contracted a software components based on soperations and warfare capability continuous deliveries of increasing B. Accomplishments/Planned Programme Project 2523 project	cutes program cquisition and Service Oriente v. It provide Al ng capability to rograms (\$ in	manageme technical produced Architecture F-wide enter the warfigh	ofessionals t ures, Core E prise Comm	hat develop nterprise Se	leading edgervices, and V	e capabilities Neb Based t	s for the war echnologies emponents a	fighter. Proc that enable re developed 10 FY 201	the Air Force d in small inc FY 2012	e to achieve crements pro	able net centric viding FY 2012 Total

me: Product Line	0.010	0.010	0.010	-	0.010
Description: Systems Engineering					
FY 2010 Accomplishments: Provides for Program Manager travel in support of Congressional funded programs.					
FY 2011 Plans: Provides for Program Manager travel in support of Congressional funded programs.					
FY 2012 Base Plans: Provides for Program Manager travel in support of Congressional funded programs.					
FY 2012 OCO Plans:					
Accomplishments/Planned Programs Subtotals	0.010	0.010	0.010	-	0.010
	FY 2010	FY 2011			
Congressional Add: Distributive Mission Interoperability Toolkit (DMIT)	3.190	-			

3.720

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FY 2010 Accomplishments: Provide a service oriented architecture based communications presence and

Congressional Add: Program Increase/User Defined Operational Picture (UDOP)

compression capability at the infrastructure level.

FY 2011 Plans:

Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force			DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
3600: Research, Development, Test & Evaluation, Air Force	PE 0604740F: Integrated Command & Control	652523: Pro	oduct Lines
BA 5: Development & Demonstration (SDD)	Applications		

	FY 2010	FY 2011
FY 2010 Accomplishments: Provides a service oriented architecture based communications presence and compression capability at the infrastructure level.		
FY 2011 Plans:		
Congressional Adds Subtotals	6.910	_

C. Other Program Funding Summary (\$ in Millions)

			FY 2012	FY 2012	FY 2012					Cost To	
<u>Line Item</u>	FY 2010	FY 2011	Base	OCO	<u>Total</u>	FY 2013	FY 2014	FY 2015	FY 2016	Complete	Total Cost
• N/A: <i>NA</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

All major contracts were awarded after full and open competition.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force DATE: February 2011 APPROPRIATION/BUDGET ACTIVITY **R-1 ITEM NOMENCLATURE PROJECT** 3600: Research, Development, Test & Evaluation, Air Force PE 0604740F: Integrated Command & Control 652523: Product Lines BA 5: Development & Demonstration (SDD) **Applications** FY 2012 FY 2012 FY 2012 **Product Development (\$ in Millions)** FY 2011 oco Base Total **Total Prior** Contract Target Method Performing Years Award Award Award Cost To Value of Complete **Cost Category Item** & Type **Activity & Location** Cost Cost Date Cost Date Cost Date **Total Cost** Contract Cost Distributive Mission C/CPFF Accenture: Reston, VA 25.716 0.000 25.716 0.000 Interoperability Toolkit (DMIT) Program Increase/User PROLOGIC:Fairmont. **Defined Operational Picture** C/CPFF 3.469 3.469 0.000 0.000 WV (UDOP) Subtotal 29.185 0.000 29.185 0.000 FY 2012 FY 2012 FY 2012 Support (\$ in Millions) FY 2011 oco Total Base **Total Prior** Contract Target Method Performing Years Award Award Cost To Value of Award **Cost Category Item** & Type **Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete **Total Cost** Contract ESC:Hanscom, MA Contractor Support Various 0.227 0.000 0.227 0.000 MITRE Corp:Bedford, C/FFP MITRE 0.249 0.000 0.249 0.000 MA Subtotal 0.476 0.000 0.476 0.000 FY 2012 FY 2012 FY 2012 Test and Evaluation (\$ in Millions) FY 2011 oco Total Base Contract **Total Prior** Target Method Years Cost To Value of Performing Award Award Award **Cost Category Item** & Type **Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete **Total Cost** Contract 0.000 0.000 Subtotal 0.000 FY 2012 FY 2012 FY 2012 **Management Services (\$ in Millions)** FY 2011 000Total Base Contract **Total Prior Target** Method Performing Years Cost To Value of Award Award Award **Cost Category Item** & Type **Activity & Location** Cost Cost Date Cost Date Cost Date Cost Complete **Total Cost** Contract Program Management ESC:Hanscom AFB, Various 0.010 0.010 Oct 2010 0.010 Oct 2011 0.010 Continuina Continuina TBD Services MA Subtotal 0.010 0.010 0.010 0.010

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force			DATE : Februar	y 2011	
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT			
3600: Research, Development, Test & Evaluation, Air Force	PE 0604740F: Integrated Command & Control	652523: Pro	oduct Lines		
BA 5: Development & Demonstration (SDD)	Applications				
				, , ,	

[1	Total Prior Years			FY 2012	FY:	2012	FY 2012	Cost To		Target Value of
	Cost	FY 2	2011	Base		CO	Total	Complete	Total Cost	
Project Cost Totals	29.671	0.010		0.010	-		0.010			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604740F: Integrated Command & Control Applications	PROJECT 652523: Product Lines

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 5: Development & Demonstration (SDD)

R-1 ITEM NOMENCLATURE
PE 0604740F: Integrated Command & Control
Applications

PROJECT
652523: Product Lines

Schedule Details

	Start		End		
Events	Quarter	Year	Quarter	Year	
Program Management Support	1	2010	4	2015	
Distributive Mission Interoperability Toolkit (DMIT)	1	2010	4	2011	
Program Increase/User Defined Operational Picture (UDOP)	3	2010	4	2011	

Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force											
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0604740F: Integrated Command & Control Applications				PROJECT 652524: Reuse and Component Support			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
652524: Reuse and Component Support	3.148	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

Project 2524, Reuse and Component Support, develops reusable software components based on Service Oriented Architectures, Core Enterprise Services and Web Based technologies that enable the Air Force achieve net centric operations and warfare capability. It provides AF-wide enterprise Command and Control functionality, and components are developed in small increments providing continuous deliveries of increasing capability to the warfighter.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2010	FY 2011
Congressional Add: Command & Control Service Level Management (C2SLM)	3.148	-
FY 2010 Accomplishments: Command and Control for Numbered Air Forces (NAFs) and other Air Force users.		
FY 2011 Plans:		
Congressional Adds Subtotals	3.148	-

C. Other Program Funding Summary (\$ in Millions)

			FY 2012	FY 2012	FY 2012					Cost To	
<u>Line Item</u>	FY 2010	FY 2011	Base	OCO	<u>Total</u>	FY 2013	FY 2014	FY 2015	FY 2016	Complete	Total Cost
• N/A: <i>NA</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

D. Acquisition Strategy

All contracts were awarded after full and open competition.

E. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Pro	ject Cost	Analysis: PB 2012 A	ir Force							DAT	E : Februar	y 2011	
APPROPRIATION/BUDO 3600: <i>Research, Develo</i> μ BA 5: <i>Development & De</i>	ment, Tes	t & Evaluation, Air Fo	rce	PE	ITEM NON 0604740F: olications		_	d & Contro	PROJ 65252		and Compo	nent Supp	ort
Product Development (Product Development (\$ in Millions)			FY 2011		FY 2012 Base		FY 2		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Command & Control Service Level Management (C2SLM)	C/CPFF	Accenture:Reston, VA	28.123	-		-		-		-	0.000	28.123	28.12
		Subtotal	28.123	-		-		-		-	0.000	28.123	28.12
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Support	Various	ESC:Hanscom AFB, MA	0.134	-		-		-		-	0.000	0.134	0.22
		Subtotal	0.134	-		-		-		-	0.000	0.134	0.22
Test and Evaluation (\$	in Millions	s)		FY	2011		2012 se	FY 2		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.00
Management Services	(\$ in Millio	ons)		FY:	2011		2012 se	FY 2		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	-	-		-		-		-	0.000	0.000	0.00
			Total Prior Years Cost	FY:	2011		2012 se	FY 2		FY 2012 Total	Cost To	Total Cost	Target Value of Contract
		Project Cost Totals	28.257	-		_		_		_	0.000	28.257	28.34

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force DATE: February 2011									
APPROPRIATION/BUDGET ACTIVITY 8600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)	R-1 ITEM NOMENCLATURE PE 0604740F: Integrated Command & Control Applications	PROJECT							

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force	DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
3600: Research, Development, Test & Evaluation, Air Force	PE 0604740F: Integrated Command & Control	652524: Re	euse and Component Support
BA 5: Development & Demonstration (SDD)	Applications		

Schedule Details

	St	art	End		
Events	Quarter	Year	Quarter	Year	
Command & Control Service Level Management (C2SLM)	1	2010	4	2011	